

10/30/80  
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PTO/SB/05 (08-00)

Approved for use through 10/31/2002 OMB 0651-0032  
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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

### APPLICATION ELEMENTS

*See MPEP chapter 600 concerning utility patent application contents.*

- Fee Transmittal Form (e.g., PTO/SB/17) (in dupl.)  
*(Submit an original, and a duplicate for fee processing)*
- Applicant claims small entity status.  
*See 37 CFR 1.27.*
- Specification [Total Pages 155]  
*(preferred arrangement set forth below)*
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed Sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113)  
31 Figures - Total Sheets 55
- Oath or Declaration (unexecuted) [Total Pages 2]
  - a.  Executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 17 completed)*
  - i.  **DELETION OF INVENTOR(S)**  
*Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).*
- Application Data Sheet. See 37 CFR 1.76. (3 pp.)

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

Continuation     Divisional     Continuation-in-Part (CIP)    of prior application No:  
*Prior application information*    *Examiner*    *Group/Art Unit*

For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts

### 18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

22195

or  Correspondence address below

<i>NAME</i>				
<i>ADDRESS</i>				
<i>CITY</i>	<i>STATE</i>	<i>ZIP CODE</i>		
<i>COUNTRY</i>	<i>TELEPHONE</i>	<i>FAX</i>		
<i>NAME (Print/Type)</i>	<i>Registration No. (Attorney/Agent)</i>		43,975	
<i>SIGNATURE</i>			<i>Date</i> <u>10/30/01</u>	

\* Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Total amount of payment **\$ 710.00***Complete if Known*

Application Number	To be assigned
Filing Date	August 3, 2001
First Named Inventor	COLEMAN, Timothy A.
Examiner Name	To be assigned
Group Art Unit	To be assigned

Attorney Docket Number **PF112P6****METHOD OF PAYMENT**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  
 Deposit Account Number **08-3425**  
 Deposit Account Name **HUMAN GENOME SCIENCES, INC.**  
 Charge Any Additional Fee Required  
 Under 37 CFR §§ 1.16 and 1.17  
 Applicant claims small entity status  
 See 37 CFR 1.27

2.  Payment Enclosed:  
 Check     Credit Card     Money Order     Other\*

**FEES CALCULATION (continued)****FEES CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee (\$)	Fee (\$)
101	710	201	355
106	320	206	160
107	490	207	245
108	710	208	355
114	150	214	75
<b>SUBTOTAL (1)</b>		<b>\$ 710.00</b>	

**2. EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total Claims	18	-20*	0 \$18.00 0.00
Independent Claims	2	-3'	0 \$80.00 0.00
Multiple Dependent			\$270.00 0.00
<b>SUBTOTAL (2)</b>		<b>\$ 0.00</b>	

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee (\$)	Fee (\$)
103	18	203	9
102	80	202	40
104	270	204	135
108	80	209	40
110	18	210	9
Claims in excess of 20		Claims in excess of 3	
Independent claims in excess of 3		Multiple dependent claim, if not paid	
" Resissue independent claims over original patent		" Resissue independent claims over original patent	
Resissue claims in excess of 20		Resissue claims in excess of 3 and over original patent	
<b>SUBTOTAL (2)</b>		<b>\$ 0.00</b>	

\*\* or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES	Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee (\$)	Fee (\$)	
103	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late provisional filing fee or cover sheet
139	130	139	130	Non-English specification
147	2,520	147	2,520	Fee filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action
112	920*	112	920*	Requesting publication of SIR after Examiner action
113	1,840*	113	1,840*	Extension for reply within first month
115	110	215	55	Extension for reply within second month
116	390	216	195	Extension for reply within third month
117	890	217	445	Extension for reply within fourth month
118	1,390	218	695	Extension for reply within fifth month
128	1,890	228	945	Notice of Appeal
119	310	219	155	Filing a brief in support of an appeal
120	310	220	155	Request for oral hearing
121	270	221	135	Petition to institute a public use proceeding
138	1,510	138	1,510	Petition to revive - unavoidable
140	110	240	55	Petition to revive - ununintentional
141	1,240	241	620	Design issue fee
142	1,240	242	620	Petitions related to provisional applications
143	440	243	220	Submission of Information Disclosure Statement
144	600	244	300	Recording each patent assignment per property (times number of properties)
122	130	122	130	Filing a submission after final rejection
123	50	123	50	Petitions to the Commissioner
126	180	126	180	For a continuation or divisional invention to be examined
581	40	481	40	(37 CFR 1.129(a))
146	710	246	355	Request for Continued Examination (RCE)
149	710	249	355	Request for expedited examination of a design application
179	710	279	355	
169	900	169	900	
Other fee (specify):				
Other fee (specify):				
Other fee (specify):				
<b>SUBTOTAL (3)</b>		<b>\$ 0.00</b>		

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)****Submitted By**

Name (Print/Type) <i>Michele M. Wales</i>	Registration No.: <b>43,975</b>	Complete if applicable
Signature <i>Michele M. Wales</i>	Telephone <b>(301)-610-5772</b>	Date <b>Aug 6, 2001</b>

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